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27 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stefan Groetsch  
Serial No. : To Be Assigned  
Filed : Herewith  
Title : SEMICONDUCTOR DEVICE WITH A COOLING ELEMENT  
Art Unit : Unknown  
Examiner : Unknown

**Mail Stop PCT**

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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

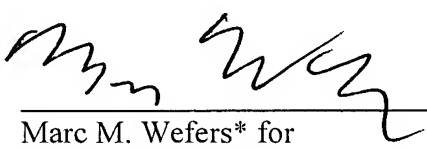
Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

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\_\_\_\_\_  
Marc M. Wefers\* for  
Alan D. Smith  
Reg. No. 32,005

\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 11.9(b).

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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12406-109US1	Application No. 107522518 Total # Assigned
	Applicant Stefan Groetsch			
	Filing Date Herewith		Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,105,430	04/14/1992	Mundinger <i>et al.</i>			
	AB	5,373,731	12/20/1994	Tanaka, <i>et al.</i>			
	AC	5,812,570	09/22/1998	Spaeth			
	AD	5,903,583	05/11/1999	Ullman <i>et al.</i>			
	AE	US2002/0063329	05/30/2002	Horie <i>et al.</i>			
	AF	US2003/0099267	05/29/2003	Henning <i>et al.</i>			
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	DE 4315580	11/17/1993	Germany			Abstract	
	AM	DE 4335512	06/01/1995	Germany			Abstract	
	AN	DE 19605302	02/14/1996	Germany			Abstract	
	AO	DE 19506093	08/29/1996	Germany			Equivalent to 5,903,583	
	AP	DE 19821544	12/16/1999	Germany			Abstract	
	AQ	DE 10061265	06/27/2002	Germany			Equivalent to US 2003/0099267	
	AR	EP 0 509825	10/21/1992	Europe			Yes	
	AS	EP 0 771604	05/07/1997	Europe			Equivalent to 5,373,731	
	AT	WO 97/30494	08/21/1997	WIPO			Abstract	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Examiner Signature		Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	Applicant Stefan Groetsch			
	Filing Date Herewith		Group Art Unit	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AU	Johnson, WB. et al., "Diamond/Al Metal Matrix Composites Formed by the Pressureless Metal Infiltration Process", <i>J. Mater. Res.</i> , Vol. 8, No. 5, pp. 1169-1173, XP-002304359, 1993
	AV	Kerns, JA. Et al., "Dymalloy: A Composite Substrate for High power Density Electronic Components", <i>The International Journal of Microcircuits and Electronic Packaging</i> , Vol. 19, no. 3, XP 000639483, 1996.
	AW	Sun, Q. and Inal, QT., "Fabrication and Characterization of Diamond/Copper Composites for Thermal Management Substrate Applications", <i>Materials Science and Engineering</i> , B41, pp. 261-266, 1996.
	AX	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	